Unformatted Messages-Option 2 User Guide

CALIFORNIA
SECRETARY OF STATE
BILL JONES

2002 Gubernatorial General Election

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INTRODUCTION

Welcome to the 2002 Gubernatorial General Election Option 2 User's Guide. This document is your guide to Option 2 service and use of unformatted message files for election night reporting.

The Web Page referenced in this User's Guide contains copies of all pre-election format files and documentation for the 2002 Gubernatorial General Election and sample "A" and "V" message files: **www.ss.ca.gov/media**.

Test Data File Names

File	*Message*	*Description*
STATUS.txt	A	County status Messages
ENHANCED.txt	V	Election reporting results messages
PRECINCT.txt	P	Precinct count messages
STATEWD.txt	S	State's County Code and Name messages
RACE.txt	R	Race code description messages.
CAND.txt	C	Candidate messages

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System Availability

The system is available in October, Monday through Friday from 8:00 a.m. to 5:00 p.m., and "V" message *test* files are created during that time. Each Wednesday from October 2, 2002 to October 30, 2002, from 8:00 a.m. to 12:00 noon, is set aside for simulation of election night to stress test the system. In order to provide the best service possible and to alleviate any last minute concerns, Saturday, November 2, 2002, 8:00 a.m. to 3:00 p.m. Pacific Standard Time (PST) is set aside as a test date specifically for Option 2 customers. We strongly encourage you to take advantage of at least one of the following testing opportunities:

Date	Time	
October 2	8:00 a.m. – noon	PST
October 9	8:00 a.m. – noon	PST
October 16	8:00 a.m. – noon	PST
October 23	8:00 a.m. – noon	PST
October 30	8:00 a.m. – noon	PST
November 2	8:00a.m. – 3:00	PST

Again, the final test, on November 02, 2002, is designed specifically for Option 2 client testing. At this time, clients have the opportunity to insure that all equipment and communication lines are functioning properly and that all "A" and "V" message files are downloaded successfully. Throughout this test, the Secretary of State will generate "A" and "V" message data to simulate election night returns.

Please direct all questions or comments to the following parties:

Contacts at Secretary of State

Functional Area	SOS Division	Name	Phone
Election Night	Info. Technology	SOS Help Desk	(916) 653-8905
Elections Process	Elections	Melissa Warren	(916) 657-2189

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GENERAL INFORMATION

?? Election results in "A" and "V" message files are only available to clients who have contracted with the Secretary of State.

?? Multi-tech compatible modem (synchronous) provides the best interface with the Secretary of State. Maximum acceptable baud rate: 56 kbs.

?? Semi-official canvass election results are updated approximately every five minutes.

?? Unformatted "A" and "V" message files are created approximately every five minutes beginning directly after the polls close at 8pm.

?? Clients will only receive data.

?? Unformatted "A" and "V" message files are the only files transmitted to Option 2 clients on election night.

?? Expected size of the combined "A" and "V" message file is 270–400K.

?? All message files are stored in ASCII format.

?? The INTERNAL FORMAT of most messages has CHANGED since the Last Election. Be sure to reference the attached appendixes for the latest record layouts.

?? Even though the "A" and the "V" messages are separate files, they are now sent as ONE data transmission, with both files sent at the same time. The "A" messages will precede the "V" messages in each transmission.

?? The county "59" (Statewide) data is now in <u>front</u> of the first county data in the "V" message data. They used to be last in preceding elections.

?? Option 2 messages are "pushed" to the Clients' dedicated modem, <u>usually but not necessarily</u> every 5 minutes.

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UNFORMATTED MESSAGES OVERVIEW

Although all pre-election and election night messages vary in content, some formatting characteristics remain consistent throughout all message files. These characteristics are listed below:

?? All messages start with an open parenthesis "(" and terminate with a close parenthesis ")".

?? A vertical bar "|" separates fields within all messages.

?? A carriage return and line feed indicate the end of a record.

?? Leading zeros "0" are suppressed on numeric fields.

?? A single zero "0" represents a numeric field that contains a zero value.

?? A single blank character " " represents an alphanumeric field that contains no data.

?? All messages begin with the following three data fields:

1. **Message Type Indicator** – One byte. Identifies the type of message within the record, (e.g., "B", "C", "E", "V", "P"…). (See Table of Contents under *Unformatted Information Message Explanations* for more information.)

2. Literal: "**CAS**" – Three bytes. Identifies **CA**lifornia **S**ecretary of State as the source of the file.

3. **Sequence Number** – One to four byte numeric field. The sequence number in the first record will always be one "1". For each subsequent transmitted message, the sequence number value is increased by one. To ensure all transmitted messages are received correctly, check the sequence numbers in each message.

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The Secretary of State will create "A" and "V" message (election results) files on election night. These election night "A" and "V" message files are comprised of three message record formats:

For "A" Messages:

Message	Description
B	Beginning of message file
A	County Status
E	End of message file

For "V" Messages:

Message	Description
B	Beginning of message file
V	Election results
E	End of message file

?? The "B" (begin) message appears as the first record in the file before the "A" or "V" messages.

?? The "E" (end) message follows the "V" messages within the file and is the last record in the file.

?? Both "B" and "E" messages occur only in each "A" and "V" file.

?? "A" (County Status) and "V" (vote) message records contain election results and occur between the "B" and the "E" message records.

?? The "A" and "V" messages are two Separate files in ONE data transmission. Whenever new data is pushed to the Media Clients, the "A" messages will be sent first, always immediately followed by the "V" messages. There is no break between the files, the "E" message of the "A" messages is immediately followed by the "B" Message of the "V" messages.

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UNFORMATTED MESSAGE DESCRIPTIONS

Descriptions of the first three fields in each message file (Message Type Indicator, "CAS", and Sequence Number) are noted previously in this document, and therefore are omitted from each of the following descriptions.

"B"—Begin Messages

Format: (B|CAS|Sequence number|Date|Time)<cr><lf>

Purpose: Indicates the beginning of a new set of election results messages.

Message Description:

Date: Message Date (YYYYMMDD).

Time: Message Time (HHMMSST)

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"A" - County Status Messages Format (see Appendix H, Diagram 1)

Format:

(A|CAS|Sequence Number||County Code|Report Type|Report Number*|Correction Report Number*|Precincts Reporting|Total Precincts|Precincts Reporting Percentage|Voter Turnout|Total Registered Voters|Voter Turnout Percent|First Report Timestamp|Last Report Timestamp) <cr><lf>

* - Note: Report Number and Correction Report number are no longer used. These fields will always display a zero ("0"),

Purpose: Election County Reporting Status

Message Description:

County Code:

Two-character alphanumeric field containing the County Code for this record. The counties are numbered in ascending sequential order proceeding alphabetically. County 59 contains the Statewide Summary totals, the earliest first-county timestamp, and the latest last-county timestamp.

Report Type:

This one-character field describes the type of report submitted. Possible field values are:

Null = No Report has been received yet for this County, OR all previous reports have been removed by that County due to corrective actions.

R =   Regular Report: Counties submit regular reports during the evening from the first report submitted until the final report.

(continued on next page):

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F = Final Report: Signifies that this county has completed its reporting for the semi-official canvass. At this point, precincts reporting will equal total precincts in that county for statewide contests.

Precincts Reporting:

This is a variable-length numeric field that may be from zero to six characters in length, indicating the number of precincts reporting. This field is null if zero.

Total Precincts:

This is a variable-length numeric field that may be from one to six characters in length, indicating the Current Total Number of precincts in this contest, usually from the 29 day Report of Registration. Subject to change if a county adjusts it's total precinct counts prior to going Final.

Precincts Reporting Percentage:

This is a variable-length numeric field that may be from zero to four characters in length, indicating the number Percentage of Precincts that have reported. This number will never be 100% until the county goes final. Null if zero.

Voter Turnout:

This is a variable-length numeric field that may be from zero to eight characters in length, indicating the number of people that have cast ballots. This is not tied to any contests, but rather to the total number of ballots received. This field is null if there are no reports yet for this record.

Total Registered Voters:

This is a variable-length numeric field that may be from one to eight characters in length, indicating the number of people that have registered to vote, usually from the 29 day

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Report of Registration. This field will contain test data until then.

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Voter Turnout Percentage:

This is a variable-length numeric field that may be from zero to four characters in length, which is the percentage derived by dividing the Voter Turnout by the Total Registered Voters. This is computed to one-tenth of a percent, but the decimal point only displays if the Tenth of a percent digit is not zero. Until the county sends a report, this field is null.

First Report Timestamp:

This is a variable-length numeric field that may be from zero to six characters in length. This field is null if the county has not yet reported any results. If the county has reported, this field contains the timestamp of that county's earliest report.

Timestamp Format:

DDHHMM, where:

DD = The Day of the Month that this report was submitted.
HH = The Hour (Military Time, ie, 00-23).
MM = The Minute of the Hour when the report was submitted.

For the Statewide County 59 record only, this field contains the timestamp of only the first county to report.

Last Report Timestamp:

Same format as the First Report Timestamp. For each County, This field contains only the timestamp of the latest report for that county. If the county has not reported yet, this field is null.

For the statewide county 59 record only, this field contains only the timestamp of the latest county that has reported.

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"V" - Vote Messages Enhanced Format (see Appendix H, Diagram 2)

Format (Candidates):

(V|CAS|Sequence Number|Contest ID|County Code|Precincts Reporting|Total Precincts|Report Type|Cand ID1|Votes1|Party Percent|Contest Percent|Cand ID2|Votes2|Party Percent2|Contest Percent2|...) <cr><lf>

Format (Yes/No):

(V|CAS|Sequence number|Contest ID|County Code|Precincts Reporting|Total Precincts|Report Type|YES|Votes|Yes Percent|NO|Votes|No Percent)<cr><lf>

Purpose: Election results

NOTE: Candidate names within a specific Contest may not be presented in the same order as found in format C messages. Also, results are presented in numerical county sequence, with statewide results represented by County Code 59 as the **FIRST** set of results for each race. They were last in previous Elections.

Message Description:

Contest ID:

The Contest ID is a 12-character, fixed length alphanumeric field that will vary depending on the type of Contest.

NOTE: See Appendix C for further explanation of the composition of the Contest ID. Also, see Appendix D for examples of how these messages are displayed.

County Code:

Two-character alphanumeric field containing the County Code for this record. The counties are numbered in ascending sequential order proceeding alphabetically.

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Precincts Reporting:

This is a variable-length numeric field that may be from one to six characters in length, indicating the number of precincts reporting.

Total Precincts:

This is a variable-length numeric field that may be from one to six characters in length, indicating the Current Total Number of precincts in this contest. Subject to change if any county adjusts it's total number of precincts, at any time prior to going Final.

Report Type:

This one-character field describes the type of report submitted. Since there are multiple records for a given county, this value will repeat for all records within the county. **First Report, Correction Report, and Overflow Record Report Types NO LONGER exist**. Possible field values are:

Blank = No Report has been received yet for this Contest ID, OR all previous reports have been removed by the county or counties that report for that Contest ID.

R = Regular Report: Counties submit regular reports during the evening from the first report submitted until the final report.

F = Final Report: Signifies that this county has completed its reporting for the semi-official canvass. At this point, precincts reporting will equal total precincts in that county for statewide contests. Note that it is possible for district contests (only) in a county to have all that counties' precincts reporting equal to the total precincts in that county's district without having the county going "final".

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Candidate ID (1-23):

Five-character field representing the candidate number as assigned by the Secretary of State. There is NO theoretical maximum number of Candidate IDs per message Record, although for the March 07, 2000 Presidential Open Primary, this is currently no more than 23 candidates in a contest.

Votes (1-23):

One to eight characters in this field represent the number of votes for the candidate (or the number of Yes/No votes).

Percent within Party (1-23):

One to Four character field representing the candidate's percentage of votes only within their respective party. The display is to one tenth of a percent, although the decimal point is present only when the tenth of a percent digit is not zero. Leading zeros are suppressed. Zero percent shows as "**0**". Since a contest may have more than one party in a "V" message Record, the sum of Percent by Party for all Candidates in a multiple party contest can and will exceed 100.0%.

Percent within Contest (1-23):

One to Four character field representing the candidate's percentage of votes only within their respective party. The display is to one tenth of a percent, although the decimal point is present only when the tenth of a percent digit is not zero. Leading zeros are suppressed. Zero percent shows as "**0**". The sum of ALL candidate Contest percentages in a contest "V" message record <u>always</u> sum to 100.0%.

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"E" - End Messages

Format: (E|CAS|Sequence number|Date|Time)<cr><lf>

Purpose: Indicates the end of a new set of election results messages.

Message Description:

Date: Message Date (YYYYMMDD).

Time: Message Time (HHMMSST)

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"C" - Candidate Messages (see Appendix H, Diagram 6)

Format: (C|CAS|Sequence Number|Contest ID|Candidate-ID|Incumbent Indicator|Last Name or Proposition Name|First Name|Middle Name|Party Code)<cr><lf>

Purpose: Candidate information. This message links candidates with a particular contest or contests. In the rare case where a Candidate is running in more than one contest monitored by the Secretary of State, the Candidate will receive a unique Candidate-ID for each qualified contest.

Message Description:

Contest ID:

The Contest ID is a 12-character, fixed length alphanumeric field that will vary depending on the type of contest being covered.

NOTE: See Appendix C for further explanation of the composition of the Contest ID. Also, see Appendix D for examples of how these messages are displayed.

Candidate ID:

A one to five character number assigned by the Secretary of State. This number is unique to the Candidate and Contest in which the Candidate is running. This field is null in Proposition contests.

Incumbent Indicator:

A single asterisk character "*" denotes a candidate who is the current officeholder seeking re-election. The field is blank if the candidate is not an incumbent.

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Last Name or Proposition Name:

The last name of the candidate as it appears on the ballot, except for Ballot Initiatives, where this field would then contain the Proposition Name.

First Name:

The first name of the candidate as it appears on the ballot.

Middle Name:

The middle name and or moniker of the candidate as it appears on the ballot.

Party Code:

Two-Character field indicating the candidate's party affiliation:

Blank = Not Applicable.
01 = Democratic Party
02 = Republican Party
03 = American Independent Party
04 = Green Party
05 = Libertarian Party
06 = Natural Law Party
07 = Reform Party
08 = Decline to State / Miscellaneous Party

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"P" - Precinct Messages (see Appendix H, Diagram 3)

Format: (P|CAS|Sequence Number|Contest ID|County Code|Total Number of Precincts)<cr><lf>

Purpose: Message type for precinct counts.

Message Description:

Contest ID:

The Contest ID is a 12-character, fixed length alphanumeric field that will vary depending on the type of race being covered.

NOTE: See Appendix C for further explanation of the composition of the Contest ID. Also, see Appendix D for examples of how these messages are displayed.

County Code:

Two-character field containing the county code for this record. The counties are numbered in ascending sequential order proceeding alphabetically. Leading zeros are present.

NOTE: Statewide results are reported as county code 59.

Total Number of Precincts:

Total Number of precincts for this particular Contest ID, from the 29-Day Close. One to six character numeric field. Please note that any county can change their total number of precincts at any time prior to going final, which includes election night.

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"R" - Contest Messages (See Appendix H, Diagram 5)

Format: (R|CAS|Sequence number|Contest ID|Contest name|Election type) <cr><lf>

Purpose: Contest ID's and descriptions. Provides textual descriptions of Contest ID's.

Message Description:

Contest ID:

The Contest ID is a 12-character, fixed length alphanumeric field that will vary depending on the type of race being covered.

NOTE: See Appendix C for further explanation of the composition of the Contest ID. Also, see Appendix D for examples of how these messages are displayed.

Contest Name:

The name of the office, ballot proposition (short description), or judgeship confirmation. Variable length, alphanumeric field.

Election Type:

Two character alphabetic field representing the type of Election. Possible types and descriptions are as follows:

1. **PP - Presidential Open Primary (current cycle)**
2. PG - Presidential General
3. GP - Gubernatorial Open Primary
4. GG - Gubernatorial General

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"S" - Statewide Messages (See Appendix H, Diagram 4).

Format: (S|CAS|Sequence Number|County Code|County name)<cr><lf>

Purpose: Associates county names with county codes.

Message Description:

County Number:

Two-character field indicating the county Code. Counties are numbered in order proceeding alphabetically, beginning with 01. Statewide results are reported as county code 59. Leading Zeros are displayed.

County Name:

The county name that corresponds to the two-character county code number.

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APPENDIX A - Contest Descriptions

Presidential Election (valid races for the current Presidential Open Primary cycle are bolded):

Output Contest ID	Contest Description
010000000000	President
010001000000	Democratic Party Presidential
010001xx0000	Democratic Presidential by Congressional District, xx=01-52
010002000000	Republican Party Presidential
010003000000	American Independent Party Presidential
010004000000	Green Party Presidential
010005000000	Libertarian Party Presidential
010006000000	Natural Law Party Presidential
010007000000	Reform Party Presidential
010008000000	Declines to State Party / Miscellaneous Party Presidential
100000000001	**U.S. Senator – First Seat**
110000xx0000	**U.S. Rep. in Congress – xx = Congressional District 01-52.**
120000xx0000	**State Senator – xx = State Senate District 01-40 (odd #'s for Primary).**
130000xx0000	**State Assembly – xx = State Assembly District 01-80.**
1900000000xx	**State Ballot Proposition – xx = Proposition Number 1A or 12-31**

(continued on next page):

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APPENDIX A - Contest Descriptions (Continued)

Gubernatorial General:

Output Contest ID	Contest Description
020000000000	Governor
030000000000	Lt. Governor
040000000000	Secretary of State
050000000000	Controller
060000000000	Treasurer
070000000000	Attorney General
080000000000	Insurance Commissioner
090000xx0000	Board of Equalization – xx = District 01-04
100000000002	US Senator – Second Seat
	US Senator (short term/special election) N/A
110000xx0000	US Representative in Congress, xx = District 01-52
120000xx0000	State Senator, xx = District 01-40
130000xx0000	State Assembly, xx = District 01-80
1400000000xx	Supreme Court Justice, xx=00-06
15000000xxyy	Court of Appeals, Division=xx=00-07, Slot=yy=00-08
160000000000	Sup. Of Public Instruction
190000000xxx	State Ballot Proposition, xxx = Proposition Number

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APPENDIX B - Political Party Descriptions (valid parties for the current open primary cycle are bolded):

Party Code	Party Description
00	**Not a party contest**
01	**Democratic**
02	**Republican**
03	**American Independent**
04	**Green**
05	**Libertarian**
06	**Natural Law**
07	**Reform**
08	**Misc./Declines to State**
	Peace & Freedom
	Republican/Democratic
	Democratic/Republican

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APPENDIX C - Detail Layout of Contest ID:

Columns: Description:

1 thru 4   Contest Category. For the March 2000 Primary:
              0100 = Presidential
              1000 = US Senate
              1100 = US Representative in Congress
              1200 = State Senate (Only Odd-numbered Districts for the
                     March 2000 Presidential Open Primary)
              1300 = State Assembly
              1900 = Ballot Initiatives (Propositions)

5 thru 6   Party ID:

              00 = Not a party contest
              01 = Democrat
              02 = Republican
              03 = American Independent
              04 = Green
              05 = Libertarian
              06 = Natural Law
              07 = Reform
              08 = Miscellaneous / Declines to State Party

7 thru 8   District :

              00 = Not a district contest
              01-52 for Congressional Districts
              01-40 for State Senate Districts
              01-80 for State Assembly Districts

9 thru 10   Division:

              00 = All or Non-Division Contest
              01-07 for Court of Appeals Division Number (Not used in
                    the March 2000 Presidential Open Primary)

(Continued on next page):

11 thru 12   US Senate Seat, Supreme Court
               Position, Court of Appeals Position, or Proposition Number

               00 = Not a US Senate, Supreme Court, or
                    Ballot Initiative (Proposition) Contest.

For the US Senate Contest:

01 = US Senate First Seat.
02 = US Senate Second Seat.

For the Supreme Court Contest:

This defines the position the candidate is seeking to fill. Possible values are:

00 = Chief Justice Contest
01-06 = Associate Justice Contest

For the Court of Appeals Contest:

This defines the position the candidate is seeking to fill. Possible values are:

00 = Presiding Justice
01-08 = Associate Justice

For Propositions:

1A or 12-31   for Proposition Numbers for the Ballot Initiative
              Contest, for the March 2000 Open primary only.

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APPENDIX D - Contest ID Examples

Planned March 2000 Open Presidential Primary:

010001000000	Democratic President (- Primary only -)
010002000000	Republican President (- Primary only -)
110005040000	Libertarian Congressional District 4
120006100000	Natural Law State Senator District 10
130002150000	Republican State Assembly District 15
190000000031	Proposition 31

Planned 2000 November Presidential General:

010000000000	All Presidential candidates
100000000001	U.S. Senate contest – Seat 1.
110000040000	Congressional District 4
190000000032	Proposition 32

Planned March 2002 Primary:

020100000000	Governor race
190000000042	Proposition 42
100000000002	U.S. Senate contest – seat 2.

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Planned November 2002 General:

140000000000   Supreme Court, Chief Justice

150000030001   Court of Appeals, District 3, Division 0 (there are no Divisions in District 3), Associate Justice

190000000054   Proposition 54

100000000002   U.S. Senate race. The second U.S. Senate Race in this Election.

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APPENDIX E

Political Subdivisions by County

County	County Seat	Congressional District (s) (52)	State Senate District(s) (40)	Assembly District(s) (80)	Equalization District(s) (4)	Appellate District (6)
Alameda	Oakland	9, 10, 13	7, 9, 10	14-16, 18, 20	1	1
Alpine	Markleeville	4	1	4	2	3
Amador	Jackson	4	1	4	2	3
Butte	Oroville	2, 3	1, 4	2, 3	2	3
Calaveras	San Andreas	4	1	4	2	3
Colusa	Colusa	3	4	2	1	3
Contra Costa	Martinez	7, 10	7, 9	11, 14, 15	1	1
Del Norte	Crescent City	1	2	1	1	1
El Dorado	Placerville	4	1	4	2	3
Fresno	Fresno	18-20	12, 14, 16	25, 29-31	2	5
Glenn	Willows	3	4	2	1	3
Humboldt	Eureka	1	2	1	1	1
Imperial	El Centro	52	37	80	3	4
Inyo	Independence	40	17	34	2	4
Kern	Bakersfield	20, 21	14, 16, 17	30, 32, 34	2	5
Kings	Hanford	20	16	30	2	5
Lake	Lakeport	1	2	1	1	1
Lassen	Susanville	2	1	3	1	3
Los Angeles	Los Angeles	24-39, 41	17, 19-30, 32	36, 38-61	2-4	2
Madera	Madera	18, 19	12, 16	25, 30	2	5
Marin	San Rafael	6	3	6	1	1
Mariposa	Mariposa	19	12	25	2	5
Mendocino	Ukiah	1	2	1	1	1
Merced	Merced	18	12	26	2	5
Modoc	Alturas	2	1	3	1	3
Mono	Bridgeport	4	1	4	2	3
Monterey	Salinas	17	15	27, 28	1	6
Napa	Napa	1	2	7	1	1
Nevada	Nevada City	2	1	3	2	3
Orange	Santa Ana	39, 41, 45-48	33-35, 38	67-73	3	4
Placer	Auburn	4	1	4	2	3
Plumas	Quincy	2	1	3	2	3
Riverside	Riverside	43, 44, 48	31, 36, 37	64-66, 80	3	4

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Political Subdivisions by County (continued)

County	County Seat	Congressional District (s) (52)	State Senate District(s) (40)	Assembly District(s) (80)	Equalization District(s) (4)	Appellate District (6)
Sacramento	Sacramento	3-5,11	4-6	5,8-10	2	3
San Benito	Hollister	17	15	28	1	6
San Bernardino	San Bernardino	40-42	17,31,32	34,61-63,65	2	4
San Diego	San Diego	48-52	36-40	66,73-79	3	4
San Francisco	San Francisco	8,12	3,8	12,13	1	1
San Joaquin	Stockton	11,18	5,12	10,17,26	2	3
San Luis Obispo	San Luis Obispo	22	18	33	2	2
San Mateo	Redwood City	12,14	8,11	12,19,21	1	1
Santa Barbara	Santa Barbara	22,23	18	33,35	2	2
Santa Clara	San Jose	13-16	10,11,13,15	20-24,28	1	6
Santa Cruz	Santa Cruz	15,17	15	27,28	1	6
Shasta	Redding	2	4	2	1	3
Sierra	Downieville	2	1	3	2	3
Siskiyou	Yreka	2	4	2	1	3
Solano	Fairfield	1,3,7	2,4	7,8	1	1
Sonoma	Santa Rosa	1,6	2,3	1,6,7	1	1
Stansilaus	Modesto	18	12	25,26	2	5
Sutter	Yuba City	3	4	2	1	3
Tehama	Red Bluff	3	4	2	1	3
Trinity	Weaverville	2	4	2	1	3
Tulare	Visalia	19-21	14,16	29,31,32	2	5
Tuolumne	Sonora	4	12	25	2	5
Ventura	San Buenaventura	23,24	18,19	35,37,38	2	2
Yolo	Woodland	3	4	2,8	1	3
Yuba	Marysville	2	1	3	2	3

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State Senate Districts (only odd-numbered districts are on the ballot this cycle):

Names in CAPITALS denote counties that are wholly contained within the boundaries of the district.

District	Counties
1	ALPINE, AMADOR, Butte, CALAVERAS, EL DORADO, LASSEN, MODOC, MONO, NEVADA, PLACER, PLUMAS, SIERRA, YUBA
2	DEL NORTE, HUMBOLDT, LAKE, MENDOCINO, NAPA, Solano, Sonoma
3	MARIN, San Francisco, Sonoma
4	Butte, COLUSA, GLENN, Sacramento, SHASTA, SISKIYOU, Solano, SUTTER, TEHAMA, TRINITY, YOLO
5	Sacramento, San Joaquin
6	Sacramento
7	Alameda, Contra Costa
8	San Francisco, San Mateo
9	Alameda, Contra Costa
10	Alameda, Santa Clara
11	San Mateo, Santa Clara
12	Fresno, Madera, MARIPOSA, MERCED, San Joaquin, STANISLAUS, TUOLUMNE
13	Santa Clara
14	Fresno, Kern, Tulare
15	MONTEREY, SAN BENITO, Santa Clara, SANTA CRUZ
16	Fresno, Kern, KINGS, Madera, Tulare
17	INYO, Kern, Los Angeles, San Bernardino
18	SAN LUIS OBISPO, SANTA BARBARA, Ventura
19	Los Angeles, Ventura
20	Los Angeles
21	Los Angeles
22	Los Angeles
23	Los Angeles
24	Los Angeles
25	Los Angeles
26	Los Angeles
27	Los Angeles
28	Los Angeles
29	Los Angeles
30	Los Angeles
31	Riverside, San Bernardino
32	Los Angeles, San Bernardino
33	Orange
34	Orange
35	Orange
36	Riverside, San Diego
37	IMPERIAL, Riverside, San Diego
38	Orange, San Diego
39	San Diego
40	San Diego

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State Assembly Districts

Names in CAPITALS denote counties that are wholly contained within the boundaries of the district.

District	Counties
1	DEL NORTE, HUMBOLDT, LAKE, MENDOCINO, Sonoma
2	BUTTE, COLUSA, GLENN, SHASTA, SISKIYOU, SUTTER, TEHAMA, TRINITY, Yolo
3	Butte, LASSEN, MODOC, NEVADA, PLUMAS, SIERRA, YUBA
4	ALPINE, AMADOR, CALAVERAS, EL DORADO, MONO, PLACER
5	Sacramento
6	MARIN, Sonoma
7	NAPA, Solano, Sonoma
8	Sacramento, Solano, Yolo
9	Sacramento
10	Sacramento, San Joaquin
11	Contra Costa
12	San Francisco, San Mateo
13	San Francisco
14	Alameda, Contra Costa
15	Alameda, Contra Costa
16	Alameda
17	San Joaquin
18	Alameda
19	San Mateo
20	Alameda, Santa Clara
21	San Mateo, Santa Clara
22	Santa Clara
23	Santa Clara
24	Santa Clara
25	Fresno, Madera, MARIPOSA, Stanislaus, TUOLUMNE
26	MERCED, San Joaquin, Stanislaus
27	Monterey, Santa Cruz
28	Monterey, SAN BENITO, Santa Clara, Santa Cruz
29	Fresno, Tulare
30	Fresno, Kern, KINGS, Madera
31	Fresno, Tulare
32	Kern, Tulare
33	SAN LUIS OBISPO, Santa Barbara
34	INYO, Kern, San Bernardino
35	Santa Barbara, Ventura
36	Los Angeles
37	Ventura
38	Los Angeles, Ventura
39	Los Angeles
40	Los Angeles
41	Los Angeles
42	Los Angeles
43	Los Angeles
44	Los Angeles
45	Los Angeles
46	Los Angeles
47	Los Angeles
48	Los Angeles
49	Los Angeles

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State Assembly Districts (continued)

District	Counties
50	Los Angeles
51	Los Angeles
52	Los Angeles
53	Los Angeles
54	Los Angeles
55	Los Angeles
56	Los Angeles
57	Los Angeles
58	Los Angeles
59	Los Angeles
60	Los Angeles
61	Los Angeles, San Bernardino
62	San Bernardino
63	San Bernardino
64	Riverside
65	Riverside, San Bernardino
66	Riverside, San Diego
67	Orange
68	Orange
69	Orange
70	Orange
71	Orange
72	Orange
73	Orange, San Diego
74	San Diego
75	San Diego
76	San Diego
77	San Diego
78	San Diego
79	San Diego
80	IMPERIAL, Riverside

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Congressional Districts

Names in CAPITALS denote counties that are wholly contained within the boundaries of the district.

District	Counties
1	DEL NORTE, HUMBOLDT, LAKE, MENDOCINO, NAPA, Solano, Sonoma
2	Butte, LASSEN, MODOC, NEVADA, PLUMAS, SHASTA,SIERRA,SISKIYOU,TRINITY, YUBA
3	Butte, COLUSA, GLENN, Sacramento, Solano, SUTTER, TEHAMA, YOLO
4	ALPINE, AMADOR, CALAVERAS, EL DORADO, MONO, PLACER, Sacramento, TUOLUMNE
5	Sacramento
6	MARIN, Sonoma
7	Contra Costa, Solano
8	San Francisco
9	Alameda
10	Alameda, Contra Costa
11	Sacramento, San Joaquin
12	San Francisco, San Mateo
13	Alameda, Santa Clara
14	San Mateo, Santa Clara
15	Santa Clara, Santa Cruz
16	Santa Clara
17	Monterey, SAN BENITO, Santa Cruz
18	Fresno, Madera, MERCED, San Joaquin, STANISLAUS
19	Fresno, Madera, MARIPOSA, Tulare
20	Fresno, Kern, KINGS, Tulare
21	Kern, Tulare
22	SAN LUIS OBISPO, Santa Barbara
23	Santa Barbara, Ventura
24	Los Angeles, Ventura
25	Los Angeles
26	Los Angeles
27	Los Angeles
28	Los Angeles
29	Los Angeles
30	Los Angeles
31	Los Angeles
32	Los Angeles
33	Los Angeles
34	Los Angeles
35	Los Angeles
36	Los Angeles
38	Los Angeles
39	Los Angeles, Orange
40	INYO, San Bernardino
41	Los Angeles, Orange, San Bernardino
42	San Bernardino
43	Riverside
44	Riverside
45	Orange
46	Orange
47	Orange
48	Orange, Riverside, San Diego
49	San Diego
50	San Diego
51	San Diego
52	IMPERIAL, San Diego

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APPENDIX F - Total Precincts by County

The Secretary of State's office will provide the precinct counts after the 29-day close of voter registration. This information will be available on the Secretary of State's Media Web Page located at **www.ss.ca.gov/media**. The information is in the Election Night Test Data Files, in the P (Precinct) Messages. This file will contain test data until the actual precinct counts are received from all counties.

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APPENDIX G - Unformatted Messages Record Layout Diagrams

Appended diagrams follow this page.